NOVEMBER/DECEMBER 2023

CECA54A/CECS54A/CSC53 — DATA MINING

Time : Three hours Maximum : 75 marks

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SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. Define: "Data Mining".
2. Mention the various kinds of data.
3. Define: "Data Warehouse".
4. Write a note on OLAP.
5. List out the techniques of data mining.
6. What do you mean by pattern mining?
7. What are cluster analysis?
8. Define: "Web Mining".
9. What is the use of Orange data mining tool?
10. List out any two SQL Server Data Tools.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Summarize the major issues in data mining.

Or

(b) How will you use data cleaning? Explain.

12. (a) Elaborate the data warehouse design and usage.

Or

(b) How will you exploring data cube technology? Describe.

13. (a) Explain the pattern exploration and application.

Or

(b) Describe the Rule based classification with example.

14. (a) What are the partitioning methods in cluster analysis? Explain.

Or

(b) Write down the clustering with constraints.

15. (a) Explain the various trends in data mining.

Or

(b) Describe the purpose of Sisense Data Mining Tool.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. How will you measuring data similarity and dissimilarity in data mining? Explain.

17. Illustrate the data generalization by attribute.

18. Discuss on the mining compressed or approximate patterns.

19. Outline the proximity-based approaches of outlier.

20. Determine the functions of Data melt SQL Server Data Tool.

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